Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 27 Jan 2022 until 23:59 on Friday 28 Jan 2022

Forecast Issued on Thursday 27 Jan 2022 at 00:13

Confidence: High for a mostly fine Thursday with easing winds and for becoming more unsettled through Friday and the weekend but lower for details on timing of rain and, especially Sunday, strength of winds.

Headline for Thursday 27 Jan 2022: Sunny spells and a few light showers. Strong north-westerly winds easing

Mountain weather hazards on Thursday 27 Jan 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
40%	10%	10%	10%	10%	10%

Forecast for Thursday 27 Jan 2022

Weather: A mainly dry and bright day with some good spells of sunshine around, especially in the east, and just a few showers in the west. Dry with long clear spells in the evening.

Chance of cloud-free hill tops above 600m: Improving to around 75% soon after dawn, improving close to 100% across eastern hills in afternoon.

Low cloud and visibility: Periods or persistent cloud above 300-450m at first becoming occasional above 600m soon after dawn, with only small amounts of cloud below the summits across eastern hills in the afternoon. Otherwise visibility several kilometres in early rain but soon becoming very good, falling only briefly in any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 27 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/34 W	25/33 W	23/30 W	18/25 W	19/27 NW	12/17 W	10/14 W
300	19/27 W	18/27 W	18/25 W	15/22 NW	15/23 NW	8/16 W	8/12 SW
Valley	12/26 W	11/26 W	12/24 W	10/21 W	10/22 W	6/16 NW	3/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-3	4/-2	4/-2	3/-2	2/-2	2/-3
300	7/2	6/1	6/2	7/3	6/2	5/2	4/1
Valley	7/4	6/3	7/4	7/4	6/3	4/2	3/1
Freezing Level*	1200m	1000m	1000m	1000m	1000m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 50mph over higher peaks at first, but generally nearer 40mph through the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 27 Jan 2022	2.8mm	3mm	3.2mm

Forecast for Friday 28 Jan 2022

Weather: Dry, bright and chilly start but cloud increasing through the morning with patchy rain in the afternoon and evening, mainly affecting western hills.

Maximum wind: Westerly 10-15mph backing southwesterly 20mph by midday then increasing 25-30mph, gusts around 45mph over higher peaks, in the evening.

Chance of cloud-free hill tops above 600m: Around 75% at first becoming close to zero in west, but nearer 25% in east, by early afternoon.

Low cloud and visibility: Occasional cloud above 600m at dawn becoming periods or persistent cloud above 450-600m by early afternoon, cloud becoming more occasional at times over eastern hills. Otherwise visibility very good becoming rather hazy under the cloud and falling to several kilometres in rain.

Temperature: **Valleys:** Around minus 1 Celsius, especially in east, at dawn rising to plus 9 or 10 Celsius
At 600m: Around plus 1 Celsius rising to plus 5 Celsius
Freezing level: Just above the summits initially then rising.

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